A2575-1
12/5/88

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 69 For Week Ended November 25, 1988 NO. 47

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 11/25/88	Last Week Ending: 11/18/88	Last Year Week Ending: 11/27/87	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,026	13,242	13,194	-216	-168
Operable capacity	15,922	15,922	15,697	0	225
Percent operated	81.8	83.2	84.1		
Motor Gasoline					
Total motor gasoline production	6,980	6,949	6,889	31	91
Finished leaded motor gasoline production	1,127	1,226	1,564	-99	-437
Finished unleaded motor gasoline production	5,853	5,723	5,325	130	528
Total motor gasoline stocks	215,488	217,981	223,963	-2,493	-8,475
Finished leaded motor gasoline stocks	38,607	38,630	53,347	-23	-14,740
Finished unleaded motor gasoline stocks	139,957	142,623	133,816	-2,666	6,141
Jet Fuel Kerosine					
Jet fuel kerosine production	1,097	1,103	1,210	-6	-113
Jet fuel kerosine stocks	39,300	39,649	43,127	-349	-3,827
Distillate Fuel Oil					
Distillate fuel oil production	2,875	2,913	2,990	-38	-115
Distillate fuel oil stocks	127,638	125,882	124,685	1,756	2,953
Residual Fuel Oil					
Residual fuel oil production	883	881	903	2	-20
Residual fuel oil stocks	40,691	40,492	47,669	199	-6,978
Imports					
Crude oil imports	4,753	4,971	4,559	-218	194
Product imports	2,251	3,349	2,440	-1,098	-189
Crude Oil Stocks					
Crude oil stocks	340,848	343,507	355,101	-2,659	-14,253
Crude Supply Balance	-116				

*See definitions on page 6.

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

VOL. 69 For Week Ended November 25, 1988 NO. 47

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,307	1,125	1,139	1,380	82.5
Appal. No. 1	106	99	100	107	93.5
DISTRICT 1 TOTAL	1,413	1,224	1,239	1,487	83.3
Ind., Ill., Ky.	2,118	1,948	1,956	2,254	86.8
Minn., Wisc., Daks.	313	307	307	312	98.4
Okla., Kans., Mo.	703	613	620	718	86.4
DISTRICT 2 TOTAL	3,134	2,868	2,883	3,284	87.8
Inland Texas	506	447	451	569	79.3
Texas Gulf Coast	3,169	2,777*	2,791	3,580	78.0
La. Gulf Coast	2,449	2,289	2,340	2,908	80.5
N. La. and Ark.	206	180	183	252	72.6
New Mexico	84	69	70	76	92.1
DISTRICT 3 TOTAL	6,414	5,762*	5,835	7,385	79.0
DISTRICT 4 TOTAL	454	426	426	535	79.6
DISTRICT 5 TOTAL	2,663*	2,567*	2,643*	3,231	81.8*
TOTAL U.S.	14,078	12,847	13,026	15,922	81.8
TOTAL U.S. Weeks Ended:					
NOV. 18, 1988	14,306*	13,055*	13,242*	15,922	83.2*
NOV. 27, 1987	14,364	13,108	13,194	15,697	84.1
DISTRICTS 1-4 Weeks Ended:					
NOV. 25, 1988	11,415	10,280	10,383	12,691	81.8
NOV. 18, 1988	11,694	10,507*	10,641	12,691	83.8
NOV. 27, 1987	11,676	10,579	10,665	12,438	85.7

*See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN

Week Ended November 25, 1988

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	630	61	569	31	72	265	92
Appal. No. 1	37	3	34	--	--	33	4
DISTRICT 1 TOTAL	667	64	603	31	72	298	96
Ind., Ill., Ky.	1,205	152	1,053	13	101	449	74
Minn., Wisc., Daks.	169	43	126	--	10	78	7
Okla., Kans., Mo.	413	99	314	12	34	165	9
DISTRICT 2 TOTAL	1,787	294	1,493	25	145	692	90
Inland Texas	329	70	259	28	20	106	16
Texas Gulf Coast	1,538	188	1,350	57	233	681	188
La. Gulf Coast	1,130	163	967	23	293	496	96
N. La. and Ark.	50	7	43	6	2	51	10
New Mexico	46	13	33	5	2	19	--
DISTRICT 3 TOTAL	3,093	441	2,652	119	550	1,353	310
DISTRICT 4 TOTAL	228	83	145	13	26	122	11
DISTRICT 5 TOTAL	1,205	245	960	61	304	410	376
TOTAL U.S.	6,980	1,127	5,853	249	1,097	2,875	883
TOTAL U.S. Weeks Ended:							
NOV. 18, 1988	6,949	1,226	5,723	234	1,103	2,913	881
NOV. 27, 1987	6,889	1,564	5,325	196	1,210	2,990	903
DISTRICTS 1-4 Weeks Ended:							
NOV. 25, 1988	5,775	882	4,893	188	793	2,465	507
NOV. 18, 1988	5,805	935	4,870	163	822	2,459	536
NOV. 27, 1987	5,727	1,279	4,448	128	899	2,581	513

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,481	184	3,296	1	122	424	8,144	726	--
Central Atlantic	25,340	2,915	17,983	4,442	670	4,309	32,705	13,417	11,907
Lower Atlantic	29,667	5,032	24,368	267	422	6,006	15,398	2,995	349
DISTRICT 1 TOTAL	58,488	8,131	45,647	4,710	1,214	10,739	56,247	17,138	12,256
DISTRICT 2 TOTAL	59,293	12,650	39,084	7,559	622	7,078	28,579	2,770	17,316
DISTRICT 3 TOTAL	61,841*	9,499	37,062	15,280*	2,408	13,816	28,744	11,653	52,375
DISTRICT 4 TOTAL	6,629	2,134	2,774	1,721	372	816	2,516	618	1,827
DISTRICT 5 TOTAL	29,237	6,193	15,390	7,654	2,005	6,851	11,552	8,512	27,360
TOTAL U.S.	215,488	38,607	139,957	36,924	6,621	39,300	127,638	40,691	111,134
TOTAL U.S. Weeks Ended:									
NOV. 18, 1988	217,981*	38,630	142,623	36,728*	6,368	39,649	125,882	40,492	110,955
NOV. 27, 1987	223,963	53,347	133,816	36,800	6,590	43,127	124,685	47,669	102,444
DISTRICTS 1-4 Weeks Ended:									
NOV. 25, 1988	186,251	32,414	124,567	29,270	4,616	32,449	116,086	32,179	83,774
NOV. 18, 1988	188,708*	32,325	127,560	28,823*	4,389	32,903	114,492	32,179	83,112
NOV. 27, 1987	194,909	46,552	119,100	29,257	4,961	35,788	114,320	37,287	77,992

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.
[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended November 25, 1988

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
NOV. 25, 1988	4,935.0	4,967.0	4,695	629	259,655
NOV. 18, 1988	4,935.0	--	4,676	654	262,661
NOV. 11, 1988	4,935.0	--	5,642	751	255,685
NOV. 4, 1988	4,949.0	--	5,871	713	257,365
DISTRICT 5 TOTAL					
NOV. 25, 1988	3,097.0	3,027.0	58	15	81,193 #
NOV. 18, 1988	3,097.0	--	295	26	80,846*
NOV. 11, 1988	3,097.0	--	199	8	80,726
NOV. 4, 1988	3,085.0	--	242	7	81,928
TOTAL U.S.					
NOV. 25, 1988	8,032.0	7,994.0	4,753	644	340,848 #
NOV. 18, 1988	8,032.0	--	4,971	680	343,507*
NOV. 11, 1988	8,032.0	--	5,841	759	336,411
NOV. 4, 1988	8,034.0	--	6,113	720	339,293
NOV. 27, 1987	8,397.0 a/	--	4,559	631	355,101

#INCLUDES 22,834 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for November 1987.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1987 Averages Absolute	1987 Averages Positive	1987 Averages Negative
NOV. 25, 1988	-116	468	550	-334

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
NOV. 25, 1988	15,002	71,052	161,839	11,762	259,655	81,193 #	340,848 #
NOV. 18, 1988	16,573	69,991	164,054	12,043	262,661	80,846*	343,507*
NOV. 27, 1987	15,752	72,276	172,544	12,929	273,501	81,600	355,101

[1]See definitional notes, Page 6.

See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	78	--	78	--	--	--	6	66	9	--	--	159
Central Atlantic	438	--	438	54	--	47	114	288	40	85	17	1,083
Lower Atlantic	--	--	--	--	--	--	145	220	--	--	--	365
DISTRICT 1 TOTAL												
NOV. 25, 1988	516	--	516	54	--	47	265	574	49	85	17	1,607
NOV. 18, 1988	696	13	683	96	--	62	390	819	42	156	153	2,414
NOV. 11, 1988	443	3	440	69	--	35	239	648	75	79	59	1,647
NOV. 4, 1988	279	9	270	58	--	40	337	816	40	139	88	1,797
DISTRICTS 2-4 TOTAL												
NOV. 25, 1988	15	--	15	4	3	8	10	42	207	236	40	565
NOV. 18, 1988	17	--	17	--	3	14	18	31	307	376	80	846
NOV. 11, 1988	15	--	15	--	3	--	8	51	236	255	153	721
NOV. 4, 1988	10	--	10	2	3	15	15	42	299	433	38	857
DISTRICT 5 TOTAL												
NOV. 25, 1988	35	--	35	--	--	14	7	9	13	1	--	79
NOV. 18, 1988	40	--	40	--	--	25	3	8	12	1	--	89
NOV. 11, 1988	30	--	30	--	--	--	2	7	12	--	--	51
NOV. 4, 1988	28	3	25	--	--	13	3	7	14	--	--	65
TOTAL U.S.	566	--	566	58	3	69	282	625	269	322	57	2,251
TOTAL U.S. Weeks Ended:												
NOV. 18, 1988	753	13	740	96	3	101	411	858	361	533	233	3,349
NOV. 11, 1988	488	3	485	69	3	35	249	706	323	334	212	2,419
NOV. 4, 1988	317	12	305	60	3	68	355	865	353	572	126	2,719
NOV. 27, 1987	642	98	544	81	30	50	133	733	289	161	321	2,440

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:
New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

REVISIONS

11/18/88	PAGE 1	TOTAL REFINERY INPUT	DISTRICT 5 TOTAL	2,612
			TOTAL U.S.	14,306
		CRUDE OIL RUNS	TEXAS GULF COAST	2,888
			DISTRICT 3 TOTAL	5,904
			DISTRICT 5 TOTAL	2,548
			TOTAL U.S.	13,055
			DISTRICTS 1-4	10,507
		INPUT TO CRUDE OIL	DISTRICT 5 TOTAL	2,601
			TOTAL U.S.	13,242
		% OPERABLE	DISTRICT 5 TOTAL	80.5
			TOTAL U.S.	83.2
	PAGE 3	TOTAL MGAS	DISTRICT 3 TOTAL	63,113
			TOTAL U.S.	217,981
			DISTRICTS 1-4	188,708
		BLENDING COMPS	DISTRICT 3 TOTAL	14,709
			TOTAL U.S.	36,728
			DISTRICTS 1-4	28,823
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICT 5 TOTAL	80,846
			TOTAL U.S.	343,507
	PAGE 4 B	TOTAL	PAD DISTRICT 5	80,846
			TOTAL U.S.	343,507